

Report of Examination on Ground Water

Received date 4-28-52 Date of exam. 10-1-52 Appli. No. 2491
Name Edward G. Erickson Address Rt. 1, Port Ludlow, Wash.
Type of works infiltration trench Dimensions 175'x60'x8' deep
Progress of works infiltration trench complete
Quantity ~~claimed or~~ applied for 180 g.p.m. 60 acre-feet per year
Legal sub. SW1/4 NW1/4 Sec. 34 Twp. 29 N. Rge. 1 W. County Jefferson
Use irrigation
Irrigation-acreage: Present _____ Planned 30-40 Feasible 30
Municipal: Population _____ as of _____
Industrial _____
Time pump will be operated during irrigation season
Other water rights appurtenant to this land None
Proximity to existing works, springs, wells, or streams None

Area _____ Sub-area _____ Zone _____

RECOMMENDATIONS

Approved for 180 g.p.m. 60 acre-feet per year, subject to existing
water rights. (1 acre-foot 325,850 gallons.)

The water requirement of the land is calculated on each acre needing
2 acre-feet per year, or a total of 60 acre-feet annually for 30 acres.

The applicant will furnish information to this office as to the size and
type of equipment installed and the gallons per minute furnished. The
size of hole openings and number of sprinklers operated, if such be the
case, will give this information.

The infiltration trench has been under construction for several years.
By digging, burning peat soil and by diking, the applicant and his pred-
ecessors have constructed a small pond out of what was once a swamp. In that
there is no surface runoff during the summer months, it is aptly described
as an infiltration trench.

Signed this 3rd day of October, 1952.

Stuart E. Shumway
STUART E. SHUMWAY
Engineer